

Title (en)

AIR OZONE MIXER AND OZONE FOG GENERATOR

Title (de)

LUFT/OZON-MISCHER UND OZONNEBELERZEUGER

Title (fr)

MELANGEUR AIR/OZONE ET NEBULISATEUR D'OZONE

Publication

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Application

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Priority

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Abstract (en)

Provided are an air passage (17) extending from one end surface of a body (16) toward the other end of the body, a throat (18) extending from a downstream end of the air passage (17) toward the other end of the body, an elongated mixed gas passage (19) extending from a downstream end of the throat (18) to the other end of the body (16), an ozone passage (20) extending from an outer lateral surface of the body (16) toward a portion near an upstream end of the mixed gas passage (19), an ozone injection port (21) communicating from a downstream end of the ozone passage (20) to the portion near the upstream end of the mixed gas passage (19). A ratio of the cross-sectional area of the mixed gas passage (19) to that of the throat (18) is set to about 2. Thus, the air-ozone mixed flow is discharged out of the mixed gas passage (19) without substantially reducing the pressure of the mixed flow to ensure spraying pressure for atomizer nozzles. <IMAGE>

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